NOAA
S 222
NOAA SHIP THOMAS JEFFERSON
S-222
NOAA
R 225
HENRY B. BIGELOW
APPLETON

GENERAL NOTES

1. THE HULL FROM THE KEEL TO THE O1 LEVEL IS OF STEEL CONSTRUCTION.
   THE DECKHOUSE FROM THE 01 LEVEL AND UP IS OF ALUMINUM CONSTRUCTION.

REVISIONS

REV	ZONE	DESCRIPTION	DATE	APPROVED
1		1. SHTS 2 & 3, PORT & STBD PROFILES: REVISED GALLOWS LAYOUT TO SUIT NEW DESIGN. REVISED LOCATION OF NET SONDE WINCH FROM GALLOWS TOP TO 02 LEVEL. DELETED PLATFORM FROM INMARSAT MASTS. DELETED HANDRAILS FROM ANTENNA PLATFORMS. 2. SHTS 2 & 3, PORT & STBD PROFILES: INCORPORATED SHIP'S NAME AND NUMBER & RUDDER DRAFT MARKS. 3. SHT 2 & 3, PORT & STBD PROFILES: REVISED HANDRAILS & STANCHION LAYOUT ALONG 01 & 02 LEVEL. 4. SHT 3, PORT PROFILE: INCORPORATED GOOSENECK AT FRAME 82 & REVISED HANDRAILS TO SUIT. ITEM 1 PER ECP 0083. ITEMS 2–4 PER ENG. DEVELOPMENT.	1/3/05 RMW	1/26/05 RG
2		1. EXTENDED HULL APPLICABILITY TO INCLUDE HULL 1956. ITEM 1 PER ENGINEERING DEVELOPMENT.	3/18/05 RMW	3/21/05 FH
3		1. SH 2, OUTBOARD PROFILE: RELOCATED FORWARD LEG OF SIDE A–FRAME TO FRAME 41 1/2, MOVED SIDE SAMPLING CONTROL BOOTH AFT TO SUIT; AND MODIFIED HANDRAILS IWO BOOTH AND BASE TO SUIT. ITEM 1 PER ECP 0090.	8/8/05 AGE	10/21/05 FH
4		1. SH 1 THRU 3, EXTENDED HULL APPLICABILITY TO INCLUDE HULL 1957. 2. SH 2 & 3, CHANGED LOCATION OF LIFERAFT TO MATCH AS–BUILT CONDITIONS. 3. SH 2 & 3, CHANGED LAYOUT OF INMARSAT B AND VSAT TO MATCH AS–BUILT CONDITIONS. 4. SH 1, ADDED "AS–BUILT". ITEM 1 & 4 PER ENGINEERING DEVELOPMENT.	7/13/06 MDP	

DOCUMENT DISTRIBUTION RECORD

DATE IN ROOM	9/4/03	1/28/05	3/21/05	10/19/05	7/13/06									
ISSUE DATE	9/8/03	1/31/05	3/22/05	10/21/05										
REV#	0	1	2	3	4									
PROJECT ENG	1	1	1											
PROJECT MGR	1	1	1											
ABS	10													
USPH														
USCG	7													
HMP PC	12	12	12	(1)	(1)									
PROD DESIGN GROUP	1(3)													
HULL MGR														
HULL LEAD	(1)	(1)	(1)	(1)	(1)									
HVAC														
JOINER														
PASCAGOULA PC	3	3	3	(1)	(1)									
NOISE CONT														
VLL														
ISSUED BY	AE	AE	AE	AE	MP									

DWG NO. M282–085–FA01 SH 1

CHARACTERISTICS

LENGTH OVERALL	=	63.57 m
LENGTH BETWEEN PERPENDICULARS	=	58.00 m
LENGTH ON DWL	=	61.00 m
BEAM, EXTREME	=	15.00 m
BEAM, ON DWL AT STA OF MAX AREA	=	15.00 m
BEAM, ON DWL AT MIDSHIPS	=	15.00 m
DRAFT, TO DWL, AMIDSHIPS	=	5.35 m
DRAFT, MLD BASELINE TO DWL	=	5.90 m
SLOPE OF KEEL DRAG	=	1: 37.12

BASELINE LOCATED .55 m BELOW MLD KEEL AT MIDSHIPS
COMPLEMENT 39 (TOTAL)

4 AS-BUILT

HULL APPLICABILITY

2 M282 HULL 1953
~~M283 HULL 1956~~
4 M284 HULL 1957

10	9	8	7	6	5	4	3	2	1	REV
						4	4	4	4	
										SHT

REVISION STATUS

DRL NUMBERS

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VT Halter Marine, Inc.
Vision Technologies Systems

DRAWN BY WH 7/10/03		ABS APPV	
CHECKED BY AE 8/6/03		USCG APPV	
APPROVED BY JO 9/4/03		OWNER APPV	
HULL NO APPLICABILTY	CAGE CODE 3B213	SIZE D	
ESTIMATE NO 00–104	SCALE NONE		

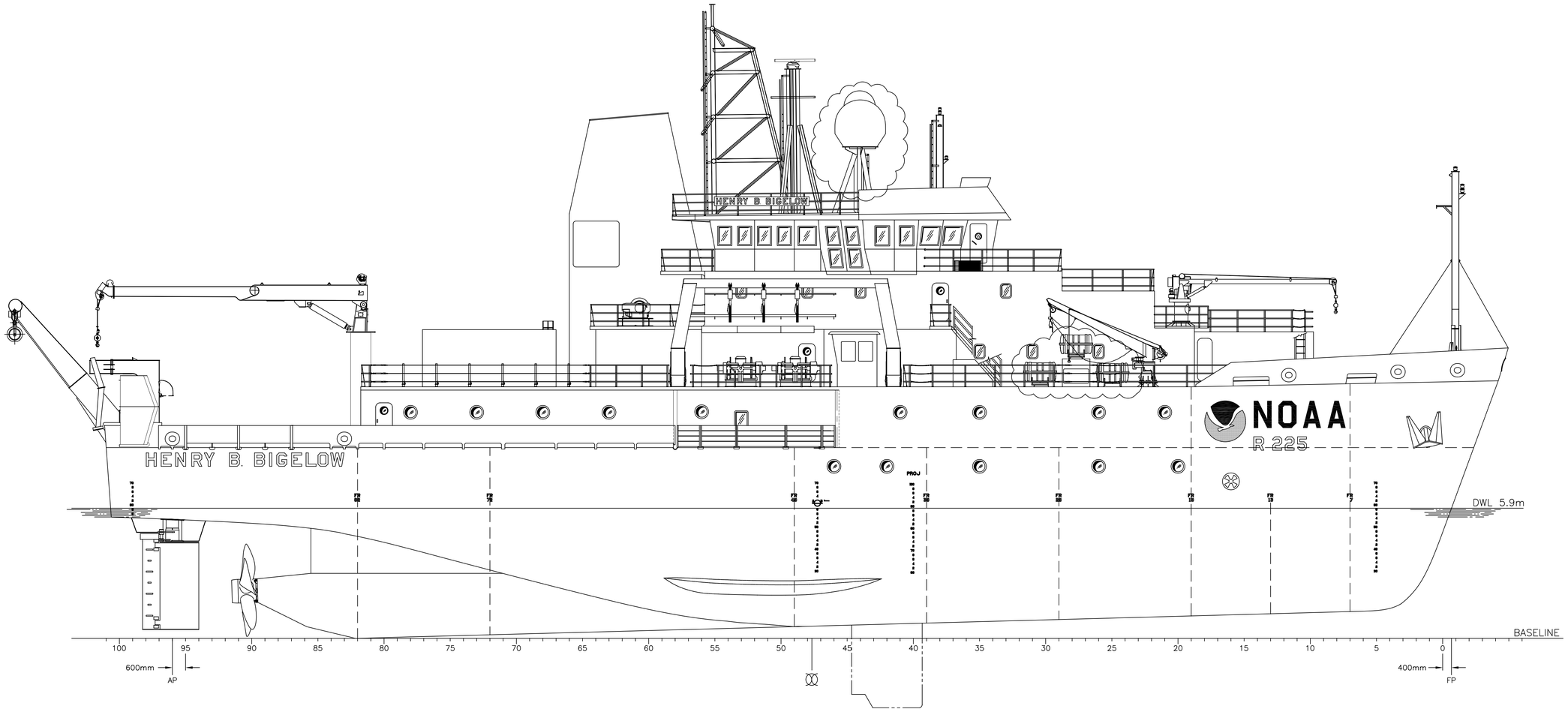
VESSEL
FRV40 CLASS 63m FISHERIES RESEARCH VESSEL

TITLE
OUTBOARD PROFILE

JOB NO.	ITEM	DELIVERABLE	SHEET	REV
M282	085	FA01	001	04

FILE R:\M282\FUNCTIONAL DESIGN\IN WORK\HULLDWG | SHEET 1 OF 3

PLOT: 1=1



OUTBOARD PROFILE △1 1-3 △3 1 △4 2 △4 3

STARBOARD SHOWN

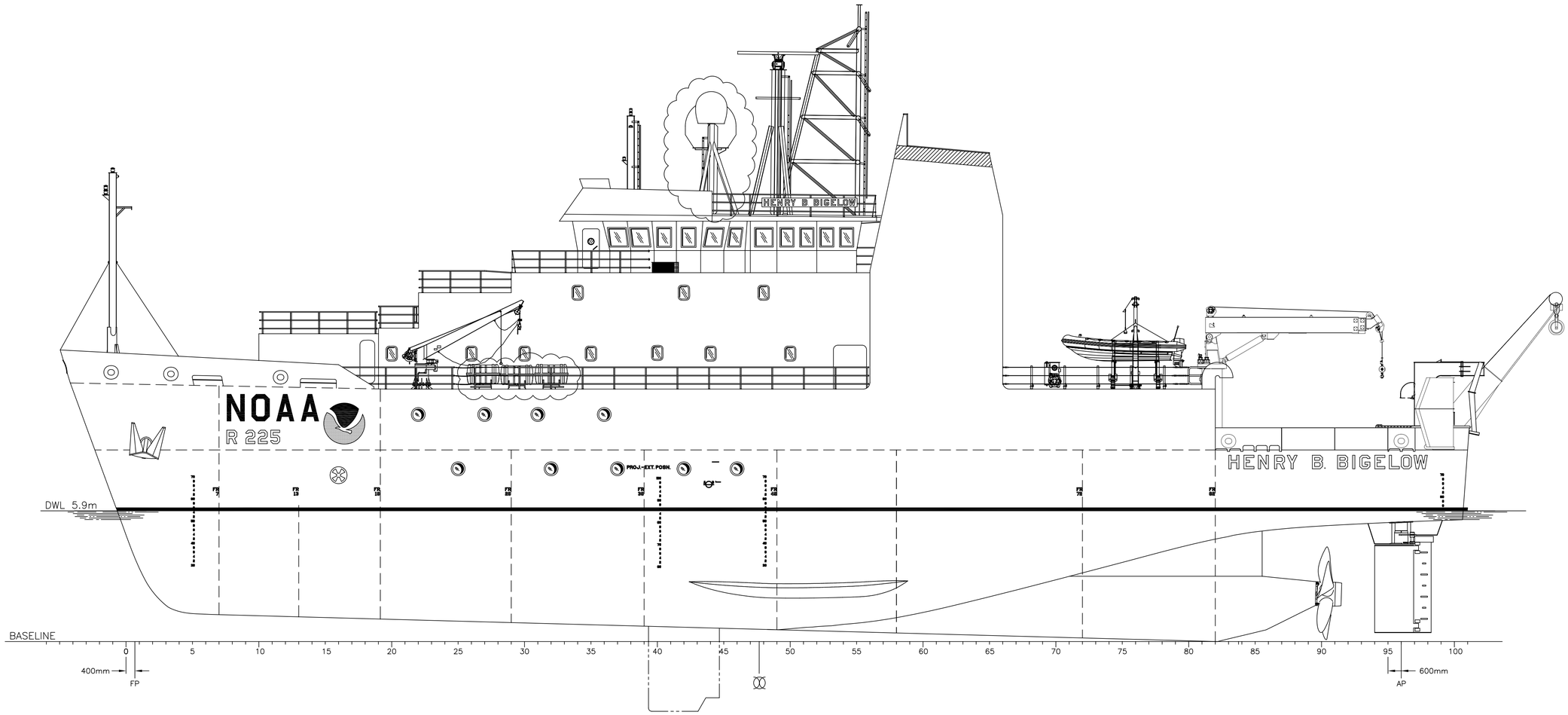
△2 1 △4 1

SHIP'S NAME AND NUMBER SHOWN IS FOR M282 (HULL 1953). M283 (HULL 1956) AND M284 (HULL 1957) NAME AND NUMBER TO BE PROVIDED AT A LATER DATE.

HULL NO	CAGE CODE	SIZE	JOB NO.	ITEM	DELIVERABLE	SHEET	REV
1953	3B213	D	M282	085	FA01	002	04
ESTIMATE NO	SCALE		FILE R:\M282\FUNCTIONAL DESIGN\IN WORK\HULLDWG			SHEET 2 OF 3	
00-104	1:100						

PLOT: 1:100

DWG NO. M282-085-FA01 SH 2



OUTBOARD PROFILE △1 1-4 △4 2 △4 3

PORT SHOWN

△2 1 △4 1

SHIP'S NAME AND NUMBER SHOWN IS FOR M282 (HULL 1953). M283 (HULL 1956) AND M284 (HULL 1957) NAME AND NUMBER TO BE PROVIDED AT A LATER DATE.

HULL NO	CAGE CODE	SIZE	JOB NO.	ITEM	DELIVERABLE	SHEET	REV
1953	3B213	D	M282	085	FA01	003	04
ESTIMATE NO 00-104	SCALE 1:100		FILE R:\M282\FUNCTIONAL DESIGN\IN WORK\HULLDWG			SHEET 3 OF 3	

PLOT: 1=100

DWG NO. M282-085-FA01 SH 3